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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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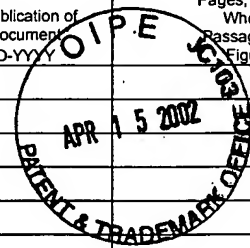
Sheet **1** of **6**

Complete if Known

Application Number	10/087,153
Filing Date	February 28, 2002
First Named Inventor	PAVLOVSKAIA, ELENA
Group Art Unit	Unassigned
Examiner Name	Unassigned
Attorney Docket Number	018563-002910US

U.S. PATENT DOCUMENTS

Examiner Initials ¹	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
	AA	3,407,500		Kesling	10/1968	
	AB	3,600,808		Reeve	08/1971	
	AC	3,660,900		Andrews	05/1972	
	AD	3,683,502		Wallshein	08/1972	
	AE	3,860,803		Levine	01/1975	
	AF	3,922,786		Lavin	12/1975	
	AG	3,950,851		Bergersen	04/1976	
	AH	4,253,828		Coles et al.	03/1981	
	AI	4,324,546		Heitlinger et al.	04/1982	
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	AK	4,500,294		Lewis	02/1985	
	AL	4,504,225		Yoshii	03/1985	
	AM	4,505,673		Yoshii	03/1985	
	AN	4,526,540		Dellinger	07/1985	
	AO	4,591,341		Andrews	05/1986	
	AP	4,609,349		Cain	09/1986	
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	AR	4,676,747		Kesling	06/1987	
	AS	4,755,139		Abbatte et al.	07/1988	
	AT	4,793,803		Martz	12/1988	
	AU	4,798,534		Breads	01/1989	
	AV	4,836,778		Baumrind et al.	06/1989	
	AW	4,837,732		Brandestini et al.	06/1989	
	AX	4,850,865		Napolitano	07/1989	
	AY	4,856,991		Breads et al.	08/1989	
	AZ	4,877,398		Kesling	10/1989	
	BA	4,880,380		Martz	11/1989	
	BB	4,936,862		Walker et al.	06/1990	
	BC	4,941,826		Loran et al.	07/1990	



Examiner Signature

Todd E. Manahan
Primary Examiner

Date Considered

2-4-04

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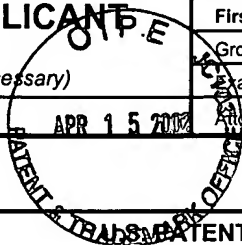
(use as many sheets as necessary)

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First Named Inventor	PAVLOVSKAIA, ELENA
Group Art Unit	Unassigned
Examiner Name	Unassigned
Attorney Docket Number	018563-002910US

Sheet **2** of **6**

APR 15 2002



U.S. PATENT DOCUMENTS						
Examiner Initials	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
	BD	4,983,334		Adell	01/1991	
	BE	5,011,405		Lemchen	04/1991	
	BF	5,017,133		Miura	05/1991	
	BG	5,035,613		Breads et al.	07/1991	
	BH	5,055,039		Abatte et al.	10/1991	
	BI	5,059,118		Breads et al.	10/1991	
	BJ	5,100,316		Wildman	03/1992	
	BK	5,125,832		Kesling	06/1992	
	BL	5,139,419		Andreiko et al.	08/1992	
	BM	5,145,364		Martz et al.	09/1992	
	BN	5,186,623		Breads et al.	02/1993	
	BO	5,273,429		Rekow et al.	12/1993	
	BP	5,338,198		Wu et al.	08/1994	
	BQ	5,340,309		Robertson	08/1994	
	BR	5,342,202		Deshayes	08/1994	
	BS	5,367,478		Hattori	11/1994	
	BT	5,368,478		Andreiko et al.	11/1994	
	BU	5,382,164		Stern	01/1995	
	BV	5,395,238		Andreiko et al.	03/1995	
	BW	5,431,562		Andreiko et al.	07/1995	
	BX	5,447,432		Andreiko et al.	09/1995	
	BY	5,452,219		Dehoff et al.	09/1995	
	BZ	5,454,717		Andreiko et al.	10/1995	
	CA	5,456,600		Andreiko et al.	10/1995	
	CB	5,474,448		Andreiko et al.	12/1995	
	CC	5,528,735		Strasnick et al.	06/1996	
	CD	5,533,895		Andreiko et al.	07/1996	
	CE	5,542,842		Andreiko et al.	08/1996	
	CF	5,549,476		Stern	08/1996	

Examiner
Signature

Todd E. Manahan
Primary Examiner

Date
Considered

2-2-02

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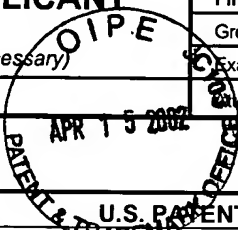
INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 3 of 6

Complete if Known

Application Number	10/087,153
Filing Date	February 28, 2002
First Named Inventor	PAVLOVSKAIA, ELENA
Group Art Unit	Unassigned
Examiner Name	Unassigned
Attorney Docket Number	018563-002910US



U.S. PATENT DOCUMENTS						
Examiner Initials *	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
	CG	5,587,912		Anderson et al.	12/1996	
	CH	5,605,459		Kuroda et al.	02/1997	
	CI	5,645,420		Bergersen	07/1997	
	CJ	5,645,421		Slootsky	07/1997	
	CK	5,683,243		Andreiko et al.	11/1997	
	CL	5,692,894		Schwartz et al.	12/1997	
	CM	5,725,376		Poirier	03/1998	
	CN	5,725,378		Wang	03/1998	
	CO	5,800,174		Andersson	09/1998	
	CP	5,866,058		Batchelder et al.	02/1999	
	CQ	5,879,158		Doyle et al.	03/1999	
	CR	5,880,961		Crump	03/1999	
	CS	5,957,686		Anthony	09/1999	
	CT	5,964,587		Sato	10/1999	
	CU	5,971,754		Sondhi et al.	10/1999	
	CV	5,975,893		Chisti et al.	11/1999	
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	CX	6,049,743		Baba	04/2000	
	CY	6,123,544		Cleary	09/2000	
	CZ	6,183,248		Chishti et al.	02/2001	
	DA	6,190,165		Andreiko et al.	02/2001	
	DB	6,217,334		Hultgren	04/2001	

Examiner Signature

Todd E. Manahan
Primary Examiner

Date Considered

2-2-04

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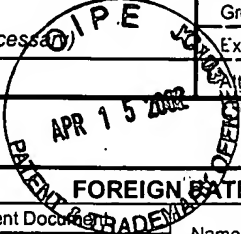
INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet **4** of **6**

Complete if Known

Application Number	10/087,153
Filing Date	February 28, 2002
First Named Inventor	PAVLOVSKAIA, ELENA
Group Art Unit	Unassigned
Examiner Name	Unassigned
Attorney Docket Number	018563-002910US



FOREIGN PATENT DOCUMENTS

Examiner Initials	Cite No. ¹	Foreign Patent Document ²			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Office ³	Number ⁴	Kind Code ⁵ (if known)				
	DC	FR	FR 2369828			06/1978		
	DD	PCT	WO 98/58596			07/1998		
	DE	PCT	WO 98/32394			07/1998		
	DF	PCT	WO 94/10935			05/1994		

Examiner Signature	Todd E. Manahan Primary Examiner	Date Considered	2-2-04
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 5 of 6

Complete if Known

Application Number	10/087,153
Filing Date	February 28, 2002
First Named Inventor	PAVLOVSKAIA, ELENA
Group Art Unit	Unassigned
Examiner Name	Unassigned
Attorney Docket Number	018563-002910US

OTHER PRIOR ART -- NON-PATENT LITERATURE DOCUMENTS

Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	DG	Andrews, "The Six Keys to Optimal Occlusion" <i>Straight Wire, Chapter 3</i> pp13-24	
	DH	Biostar Operation & Training Manual. Great Lakes Orthodontics, Ltd. 199 Fire Tower Drive, Tonawanda, New York. 14150-5890. 20 pages total	
	DI	Chiappone, "Constructing the gnathologic setup and positioner" <i>J. Clin. Orthod.</i> (1980) 14:121-133.	
	DJ	Cottingham, "Gnathologic clear plastic positioner" <i>Am. J. Orthod.</i> (1969) 55:23-31.	
	DK	Cureton, "Correcting malaligned mandibular incisors with removable retainers" <i>J. Clin. Orthod.</i> (1996) 30:390-395.	
	DL	Dent-X posted at http://www.dent-x.com/DentSim.htm 09/24/98, 6 pages total.	
	DM	Elsasser, "Some observations on the history and uses of the Kesling positioner" <i>Am. J. Orthod.</i> (1950) 36:368-374.	
	DN	Kamada et al., "Case reports on tooth positioners using LTV vinyl silicone rubber" <i>J. Nihon University School of Dentistry</i> (1984) 26(1):11-29.	
	DO	Kamada et al., "Construction of tooth positioners with LTV vinyl silicone rubber and some case reports" <i>J. Nihon University School of Dentistry</i> (1982) 24(1):1-27.	
	DP	Kesling, "Coordinating the predetermined pattern and tooth positioner with conventional treatment" <i>Am. J. Orthod. Oral. Surg.</i> (1946) 32:285-293.	
	DQ	Kesling, "The philosophy of the tooth positioning appliance" <i>Am. J. Orthod. Oral. Surg.</i> (1945) 31(6):297-304.	
	DR	Kleemann et al., "The speed positioner" <i>J. Clin. Orthod.</i> (1996) 30:673-680.	
	DS	Kunii et al., "Articulation Simulation for an Intelligent Dental Care System" <i>Displays</i> (1994) 15:181-188.	
	DT	Kuroda et al., "Three-dimensional dental cast analyzing system using laser scanning" <i>Am. J. Orthod. Dentofac. Orthop.</i> (1996) 110:365-369.	
	DU	Nahoum et al., "The vacuum formed dental contour appliance" <i>The New York State Dental Journal</i> (1964) 30(9):385-390.	
	DV	<i>Nippon Dental Review</i> "New orthodontic device-dynamic positioner (D.P.)-I. Approach to the proposal of D.P. and transparent silicone rubber" (1980) 452:61-74.	
	DW	<i>Nippon Dental Review</i> "New orthodontic device-dynamic positioner (D.P.)-II. Practical application and construction of D.P." (1980) 454:107-130.	
	DX	<i>Nippon Dental Review</i> "New orthodontic device-dynamic positioner (D.P.)-III. Case reports of reversed occlusion" 1980) 457:146-164.	
	DY	<i>Nippon Dental Review</i> "New orthodontic device-dynamic positioner (D.P.)-Case reports of reversed occlusion" (1980) 458:112-129.	
	DZ	Nishiyama et al., "A new construction of tooth repositioner by LTV vinyl silicone rubber" <i>J. Nihon University School of Dentistry</i> (1977) 19(2):93-102.	
	EA	Cardinal Industrial Finishes, Powder Coatings information posted at http://www.cardinalpaint.com on 08/25/00, 2 pages total.	

Examiner Signature

Todd E. Manahan

Date

Considered

2-2-07

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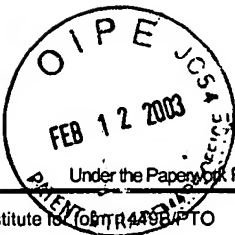
Sheet	6	of	6
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First Named Inventor	PAVLOVSKAIA, ELENA
Group Art Unit	Unassigned
Examiner Name	Unassigned
Attorney Docket Number	018563-002910US

[illegible]

Examiner Signature	Todd E. Manahan	Date Considered	2-2-04
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Sheet **3**

of

Complete if Known

Application Number	10/087,153
Filing Date	February 28, 2002
First Named Inventor	PAVLOVSKAIA, ELENA, et. al.
Art Unit	3732
Examiner Name	Unassigned
Attorney Docket Number	018563-002910US

U.S. PATENT DOCUMENTS

Examiner	Cite No. ¹	Document Number Number Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	AA	US-3,861,044	01-21-1975	Swinson, Jr.	
	AB	US-5,607,305	03-04-1997	Andersson et al.	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ Number ⁴ Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
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						<input type="checkbox"/>

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	AC	DOYLE, "Digital Dentistry" <i>Computer Graphics World</i> (October 2000) pp. 50-54.	
	AD	REDMOND et al., "Clinical implications of digital orthodontics" <i>American Journal of Orthodontics and Dentofacial Orthopedics</i> (2000) 117(2):240-242.	

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